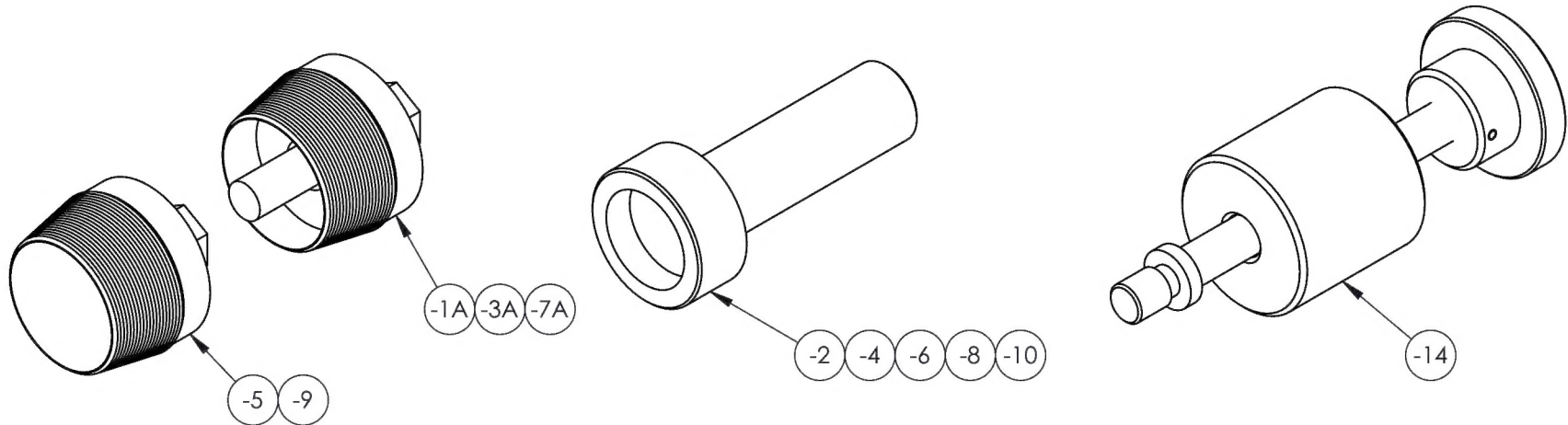


This drawing, specifications, and concepts contained here in are the sole property of Red Barn Machine, and may not be reproduced or used in any fashion without the prior written permission of Red Barn Machine.

| REVISIONS | | | | |
|-----------|-------------|------|---------|----------|
| REV | DESCRIPTION | DATE | INITIAL | APPROVED |

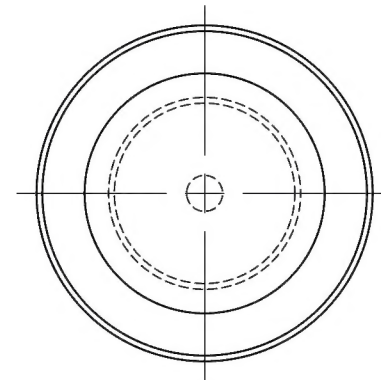
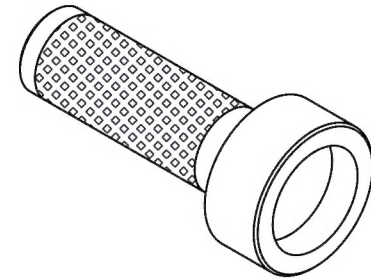
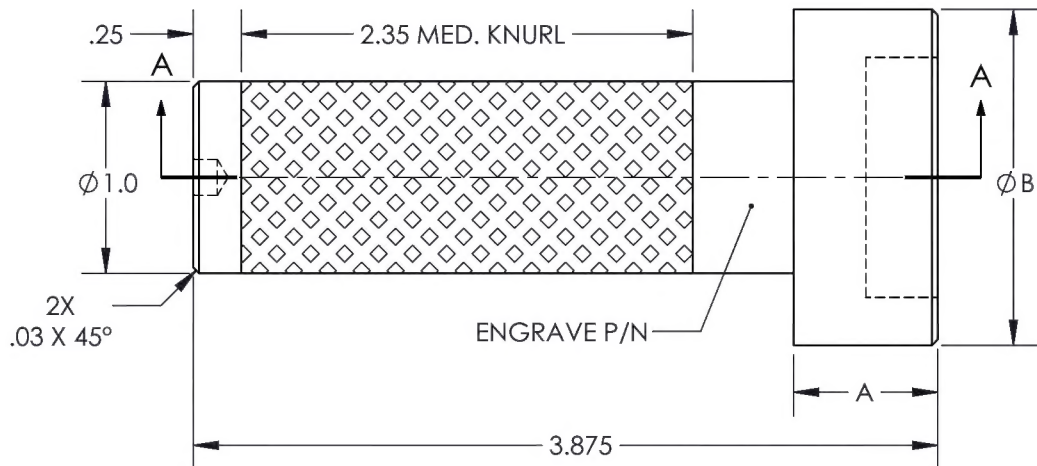
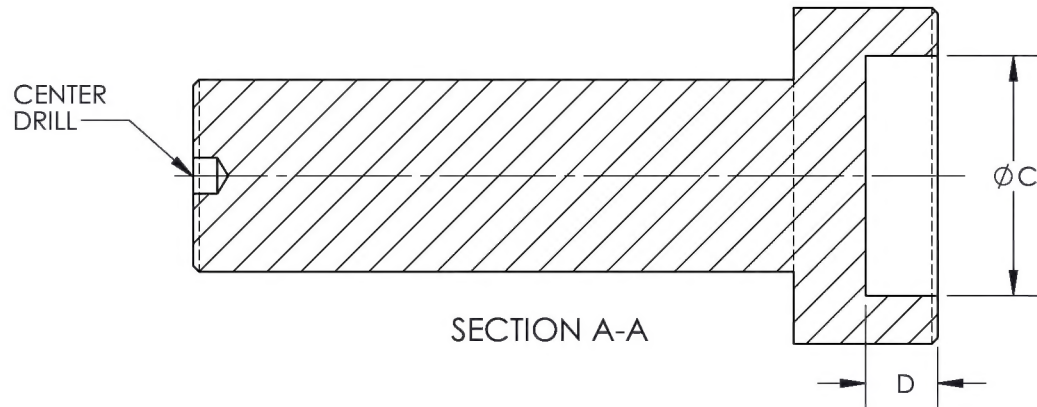


| ASSY QTY | ASSY QTY | ASSY QTY | ASSY QTY | B/O | Part # | UNIT QTY | Description | Material | B/O INFORMATION OR SPECIFICATIONS | PG. |
|----------|----------|----------|----------|-----|---------------------|----------|--------------------|----------|---------------------------------------|-----|
| | | | X | | -1A | 1 | SEAL REMOVER ASSY. | | | 3 |
| | | | 1 | | -1, -3, -5, -7, -9 | | SEAL REMOVER | 41L40 | Ø2 X 2-1/8 | 4 |
| | | | | | -2, -4, -6, -8, -10 | | SEAL INSTALLER | SP | Ø2 X 4 | 2 |
| | | X | | | -3A | 1 | SEAL REMOVER ASSY. | | | 3 |
| | | 1 | | | -3 | | SEAL REMOVER | 41L40 | Ø1-1/4 X 2 | 4 |
| | | | | | -4 | 1 | SEAL INSTALLER | SP | Ø1-7/16 X 4 | 2 |
| | | | | | -5 | 1 | SEAL REMOVER | 41L40 | Ø1-3/8 X 1-7/8 | 4 |
| | | | | | -6 | 1 | SEAL INSTALLER | SP | Ø1-1/2 X 4 | 2 |
| | X | | | | -7A | 1 | SEAL REMOVER ASSY. | | | 3 |
| | 1 | | | | -7 | | SEAL REMOVER | 41L40 | Ø1-3/8 X 2 | 4 |
| | | | | | -8 | 1 | SEAL INSTALLER | SP | Ø2 X 4 | 2 |
| | | | | | -9 | 1 | SEAL REMOVER | 41L40 | Ø1-3/8 X 2 | 4 |
| | | | | | -10 | 1 | SEAL INSTALLER | SP | Ø1-1/2 X 4 | 2 |
| | | | 1 | | -11, -12, -13 | | PIN | 01 | Ø1-1/8 X 1-3/4 | 5 |
| | | | 1 | | -12 | | PIN | 01 | Ø5/8 X 1-5/8 | 5 |
| | | | | | -13 | | PIN | 01 | Ø3/4 X 1-1/2 | 5 |
| X | | | | | -14 | 1 | HANDLE ASSEMBLY | | | 6 |
| 1 | | | | | -15 | | STUD | 41L40 | Ø3/4 X 6-1/8 | 7 |
| 1 | | | | | -16 | | HANDLE | 1020 | Ø2 2-1/8 | 8 |
| 1 | | | | | -17 | | KNOB | 1020 | Ø2 X 1-18 | 9 |
| | | | | B/O | -18 | 1 | DOWEL PIN | STEEL | Ø1/8 X 1-1/4 MCMaster-CARR #98381A477 | 6 |
| | | | | B/O | -19 | 1 | PISTOL CASE | PLASTIC | RSR GROUP #10164 (WHEN SOLD AS KIT) | N/S |
| ASSY -14 | ASSY -7A | ASSY -3A | ASSY -1A | | | | | | | |

| | |
|--|------------------------|
| RED BARN MACHINE | |
| | |
| TITLE | |
| SEAL KIT TOOL | |
| DWG NO. | REV |
| H-LTS SEAL KIT | |
| MAT'L | DRAWN BY: CLOUGH |
| UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES | APPROVED <i>D Weil</i> |
| .XXX ± .005 FRACTIONS ± 1/32 | HEAT TREAT |
| .XX ± .01 ANGLES ± 5° | FINISH |
| .X ± .1 | SPEC |
| 1. BREAK ALL SHARP EDGES .015 x 45° OR .015R | USED ON MODEL |
| 2. DIMENSIONAL LIMITS APPLY AFTER PLATING | LTS101 ENGINE |
| SCALE 1:2 | DATE 7/19/2012 |
| SHEET 1 OF 9 | |

This drawing, specifications, and concepts contained here in are the sole property of Red Barn Machine, and may not be reproduced or used in any fashion without the prior written permission of Red Barn Machine.

| REVISIONS | | | | |
|-----------|-------------|------|---------|----------|
| REV | DESCRIPTION | DATE | INITIAL | APPROVED |



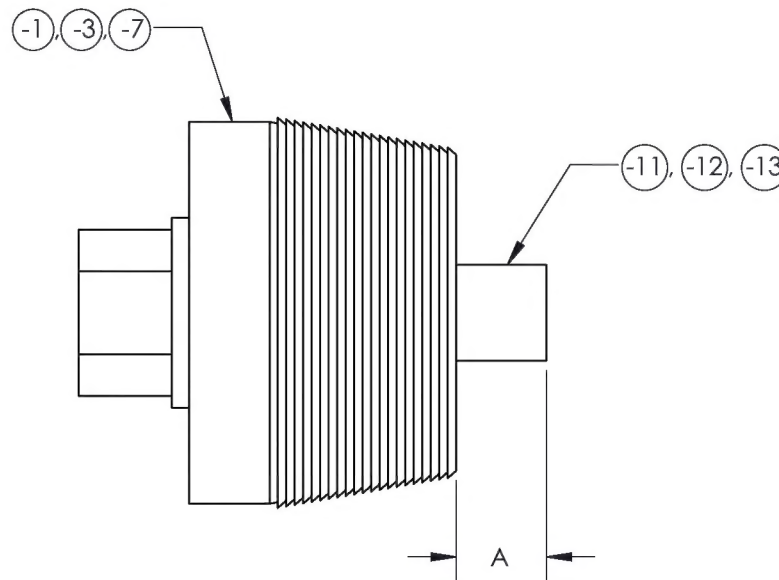
SEAL INSTALLER

| ITEM | A | ØB | ØC | D |
|------|------|--------|--------|------|
| -2 | .560 | Ø1.985 | Ø1.650 | .390 |
| -4 | .760 | Ø1.380 | Ø.830 | .510 |
| -6 | .760 | Ø1.445 | Ø.942 | .485 |
| -8 | .560 | Ø1.845 | Ø1.007 | .315 |
| -10 | .400 | Ø1.5 | | |

| | |
|---|---|
|  RED BARN MACHINE | |
| TITLE SEAL KIT TOOL | |
| DWG NO. H-LTS SEAL KIT-2, -4, -6, -8, -10 | REV |
| MAT'L SP UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES .XXX ± .005 FRACTIONS ± 1/32 .XX ± .01 ANGLES ± 5° .X ± .1 | DRAWN BY: CLOUGH APPROVED <i>D Weil</i> HEAT TREAT FINISH BLACK OXIDE SPEC 1. BREAK ALL SHARP EDGES .015 x 45° OR .015R 2. DIMENSIONAL LIMITS APPLY AFTER PLATING |
| SCALE 1:1 DATE 7/19/2012 | USED ON MODEL LTS101 ENGINE SHEET 2 OF 9 |


This drawing, specifications, and concepts contained here in are the sole property of Red Barn Machine, and may not be reproduced or used in any fashion without the prior written permission of Red Barn Machine.

| REVISIONS | | | |
|-----------|-------------|------|---------|
| REV | DESCRIPTION | DATE | INITIAL |
| APPROVED | | | |



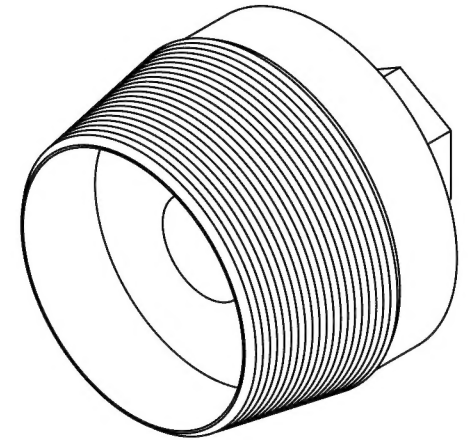
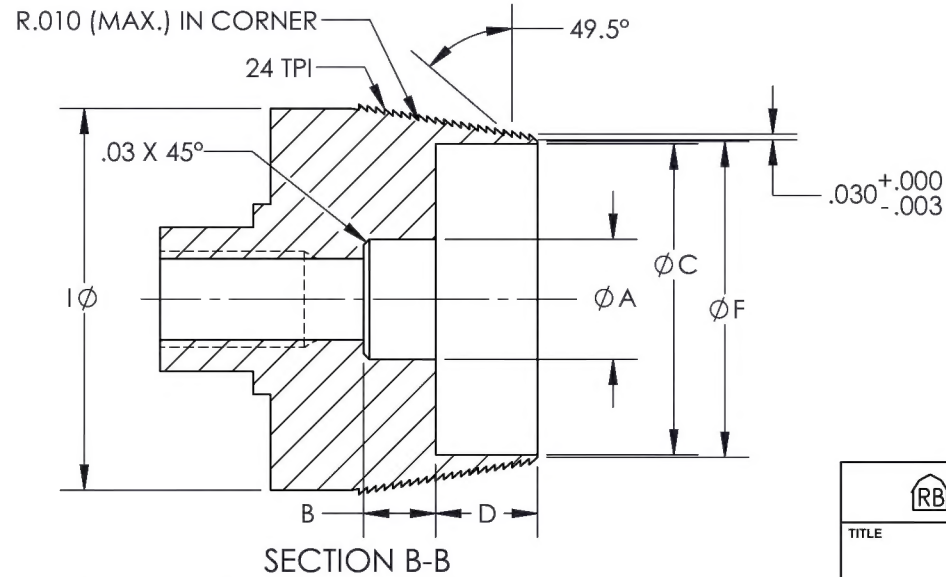
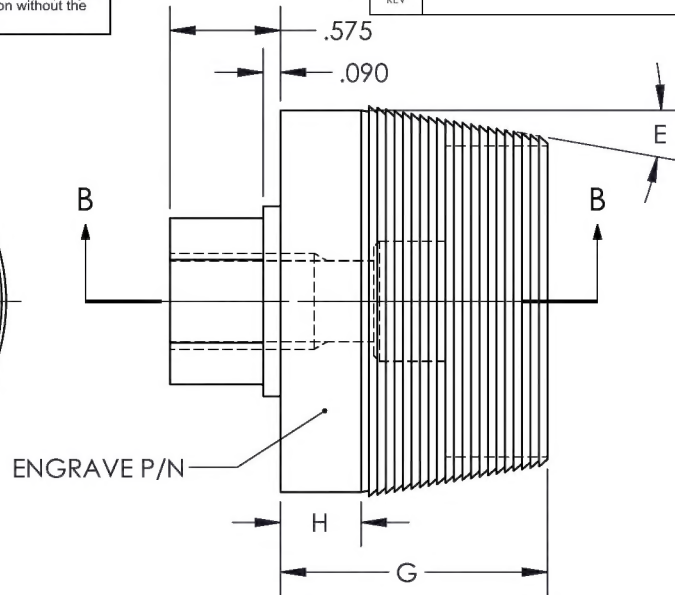
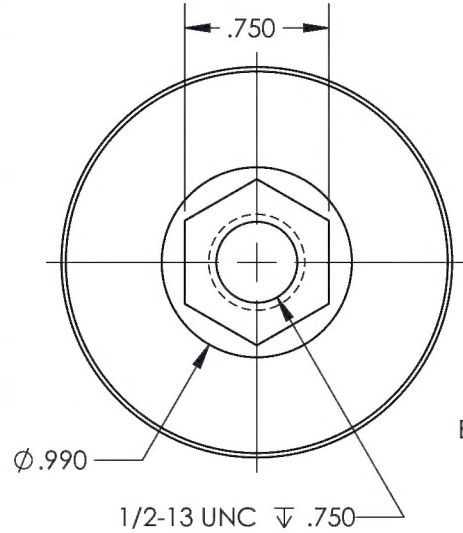
NOTE:
THIS A DIMENSION ONLY APPLIES TO THE FOLLOWING:

| SEAL REMOVER ASSY. | | |
|--------------------|---------------|------|
| ITEM | REMOVER / PIN | A |
| -1A | -1 / -11 | .725 |
| -3A | -3 / -12 | .500 |
| -7A | -7 / -13 | .500 |

| | |
|--|--|
|  RED BARN MACHINE | |
| SEAL KIT TOOL | |
| TITLE | |
| DWG NO. H-LTS SEAL KIT ASSEMBLY-1A, -3A, -7A | |
| MAT'L | |
| UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES .XXX ± .005 FRACTIONS ± 1/32 .XX ± .01 ANGLES ± 5° .X ± .1 | |
| 1. BREAK ALL SHARP EDGES .015 x 45° OR .015R 2. DIMENSIONAL LIMITS APPLY AFTER PLATING | |
| SCALE 1:1 | |
| DATE 7/19/2012 | |
| SHEET 3 OF 9 | |
| DRAWN BY: CLOUGH | |
| APPROVED <i>D Weil</i> | |
| HEAT TREAT | |
| FINISH | |
| SPEC | |
| USED ON MODEL | |

This drawing, specifications, and concepts contained here in are the sole property of Red Barn Machine, and may not be reproduced or used in any fashion without the prior written permission of Red Barn Machine.

| REVISIONS | | | |
|-----------|-------------|------|---------|
| REV | DESCRIPTION | DATE | INITIAL |
| | | | |

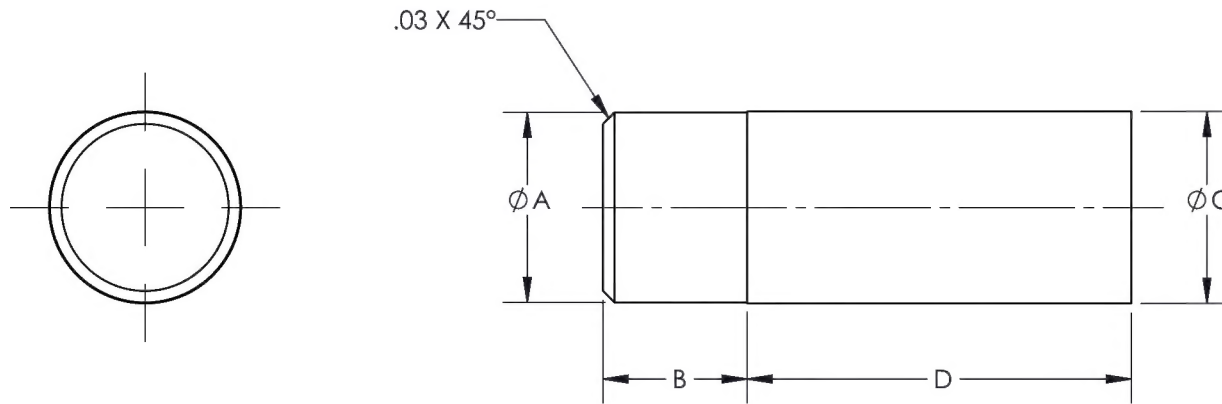


| SEAL REMOVER | | | | | | | | | |
|--------------|---------------|------|-------|------|-------|-------|-------|------|-------|
| ITEM | AØ / Ø | B | CØ | D | E | FØ | G | H | IØ |
| -1 | .6250 / .6243 | .375 | 1.620 | .530 | 10° | 1.690 | 1.390 | .420 | 1.988 |
| -3 | .2490 / .2486 | .375 | .835 | .600 | 10° | .875 | 1.235 | .3 | 1.193 |
| -5 | | | .944 | .500 | 10° | .975 | 1.172 | .420 | 1.269 |
| -7 | .3740 / .3736 | .375 | .965 | .500 | 12.5° | 1.0 | 1.278 | .700 | 1.271 |
| -9 | | | | | 12.5° | .975 | 1.190 | .600 | 1.266 |

| RED BARN MACHINE | | | |
|--|-----|------------------------|-----------|
| TITLE | | | |
| SEAL KIT TOOL | | | |
| DWG NO. | | | REV |
| H-LTS SEAL KIT-1, -3, -5, -7, -9 | | | |
| MAT'L 41L40 | | DRAWN BY: CLOUGH | |
| UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES | | APPROVED <i>D Weil</i> | |
| .XXX ± .005 | | HEAT TREAT | |
| .XX ± .01 | | FINISH BLACK OXIDE | |
| .X ± .1 | | SPEC | |
| 1. BREAK ALL SHARP EDGES .015 x 45° OR .015R | | USED ON MODEL | |
| 2. DIMENSIONAL LIMITS APPLY AFTER PLATING | | LTS101 ENGINE | |
| SCALE | 1:1 | DATE | 7/19/2012 |
| | | SHEET 4 OF 9 | |

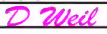
This drawing, specifications, and concepts contained here in are the sole property of Red Barn Machine, and may not be reproduced or used in any fashion without the prior written permission of Red Barn Machine.

| REVISIONS | | | | |
|-----------|-------------|--|------|----------|
| REV | DESCRIPTION | | DATE | INITIAL |
| | | | | APPROVED |



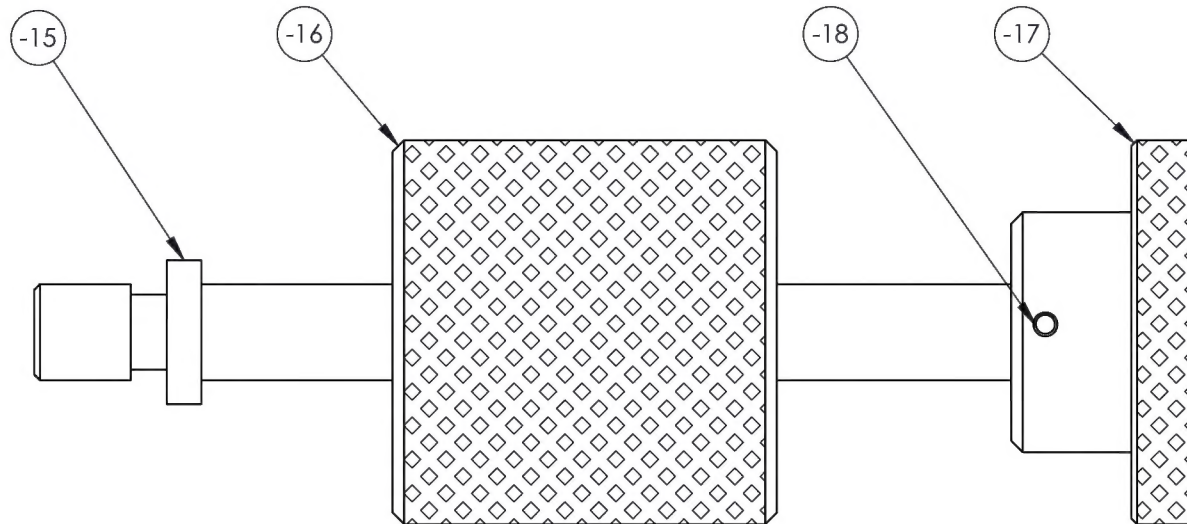
| | |
|---|-------------------------|
|  RED BARN MACHINE | |
| TITLE SEAL KIT TOOL | |
| DWG NO. H-LTS SEAL KIT-11, -12, -13 | REV |
| MAT'L 01 | DRAWN BY: CLOUGH |
| UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES | |
| .XXX ± .005 FRACTIONS ± 1/32 .XX ± .01 ANGLES ± 5° .X ± .1 | |
| 1. BREAK ALL SHARP EDGES .015 x 45° OR .015R | |
| 2. DIMENSIONAL LIMITS APPLY AFTER PLATING | |
| SCALE 2:1 | DATE 7/19/2012 |
| SHEET 5 OF 9 | |

| PIN | | | | |
|------|---------------|------|-------|-------|
| ITEM | AØ / Ø | B | CØ | D |
| -11 | .6259 / .6255 | .375 | 1.091 | 1.255 |
| -12 | .2500 / .2494 | .375 | .530 | 1.090 |
| -13 | .3750 / .3744 | .375 | .708 | 1.0 |

| |
|--|
| APPROVED  |
| HEAT TREAT FINISH BLACK OXIDE |
| SPEC USED ON MODEL LTS101 ENGINE |

This drawing, specifications, and concepts contained here in are the sole property of Red Barn Machine, and may not be reproduced or used in any fashion without the prior written permission of Red Barn Machine.

| REVISIONS | | | |
|-----------|-------------|------|---------|
| REV | DESCRIPTION | DATE | INITIAL |
| APPROVED | | | |

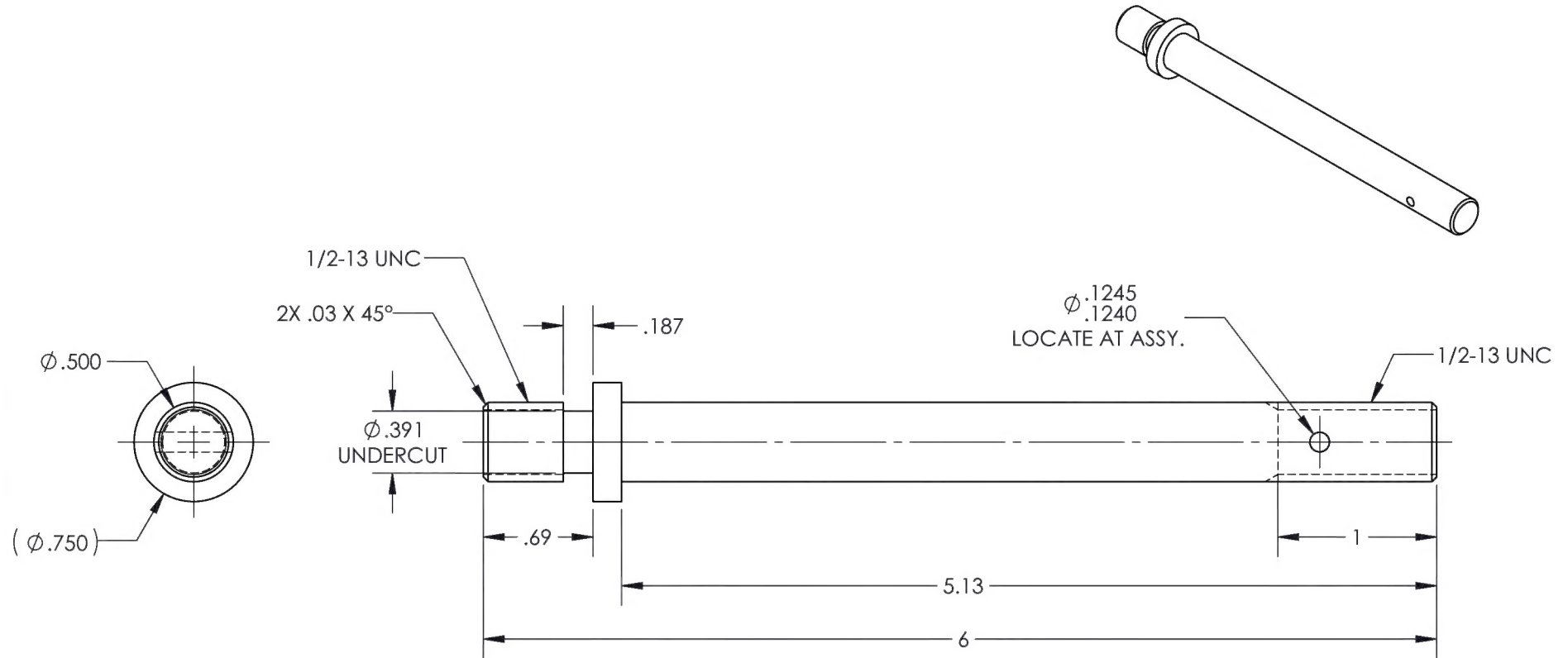


-14
HANDLE ASSEMBLY

| | |
|---|--------------------------|
|  RED BARN MACHINE | |
| TITLE SEAL KIT TOOL | |
| DWG NO. H-LTS SEAL KIT-14 | |
| REV | |
| MAT'L | DRAWN BY: CLOUGH |
| UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES | |
| .XXX ± .005 FRACTIONS ± 1/32 | |
| .XX ± .01 ANGLES ± 5° | |
| .X ± .1 | |
| 1. BREAK ALL SHARP EDGES .015 x 45° OR .015R | |
| 2. DIMENSIONAL LIMITS APPLY AFTER PLATING | |
| APPROVED <i>D Weil</i> | |
| HEAT TREAT | |
| FINISH | |
| SPEC | |
| USED ON MODEL | |
| LTS101 ENGINE | |
| SCALE 1:1 | DATE 7/19/2012 |
| SHEET 6 OF 9 | |


This drawing, specifications, and concepts contained here in are the sole property of Red Barn Machine, and may not be reproduced or used in any fashion without the prior written permission of Red Barn Machine.

| REVISIONS | | | |
|-----------|-------------|------|---------|
| REV | DESCRIPTION | DATE | INITIAL |
| | | | |



(-15)

STUD

| | |
|---|-----------------------|
|  RED BARN MACHINE | |
| TITLE SEAL KIT TOOL | |
| DWG NO. H-LTS SEAL KIT-15 | |
| REV 1 | |
| MAT'L 41L40 | |
| DRAWN BY: CLOUGH | |
| APPROVED <i>D Weil</i> | |
| HEAT TREAT RC 32-36 | |
| FINISH BLACK OXIDE | |
| SPEC | |
| USED ON MODEL | |
| LTS101 ENGINE | |
| SCALE 1:1 | DATE 7/19/2012 |
| SHEET 7 OF 9 | |

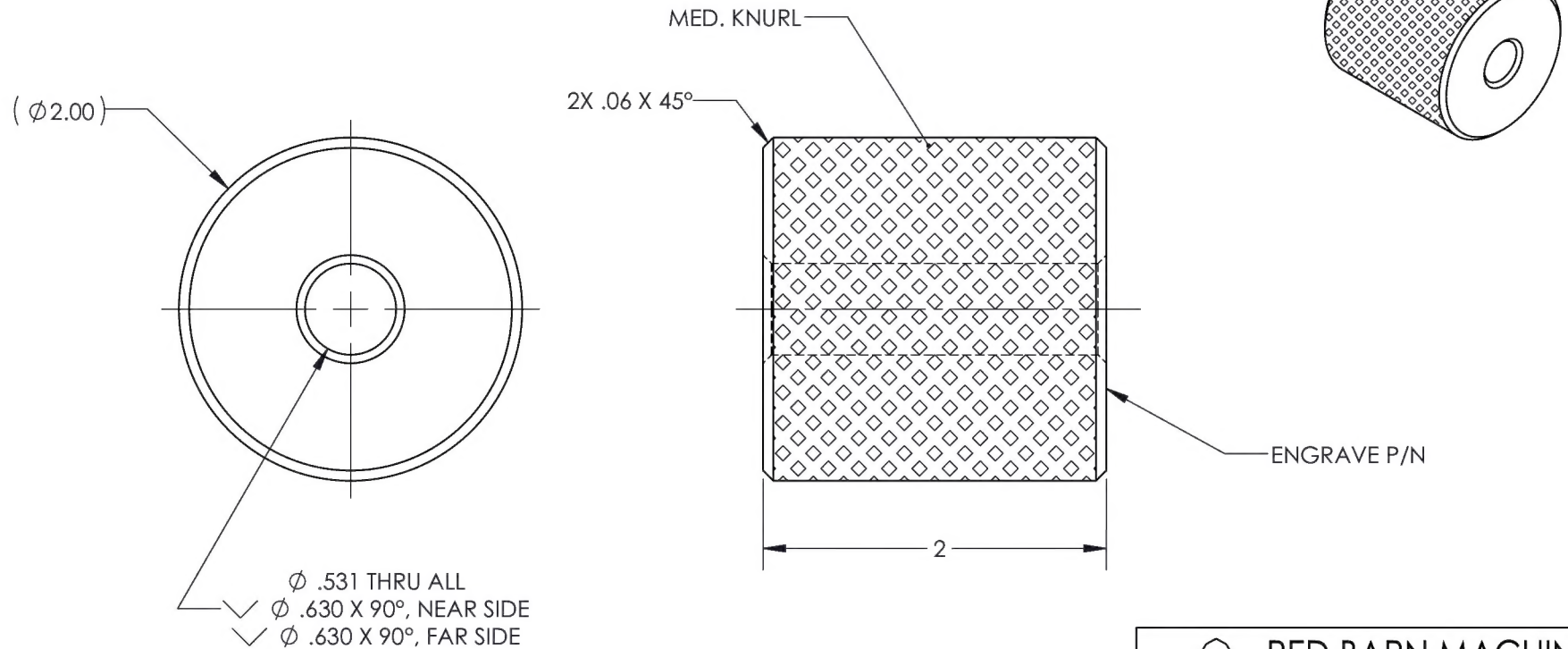
UNLESS OTHERWISE SPECIFIED
DIMENSIONS ARE IN INCHES

.XXX ± .005 FRACTIONS ± 1/32
.XX ± .01 ANGLES ± 5°
.X ± .1

1. BREAK ALL SHARP EDGES .015 x 45°
OR .015R
2. DIMENSIONAL LIMITS APPLY AFTER
PLATING

This drawing, specifications, and concepts contained here in are the sole property of Red Barn Machine, and may not be reproduced or used in any fashion without the prior written permission of Red Barn Machine.

| REVISIONS | | | | |
|-----------|-------------|------|---------|----------|
| REV | DESCRIPTION | DATE | INITIAL | APPROVED |



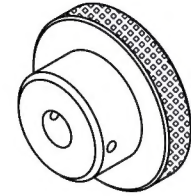
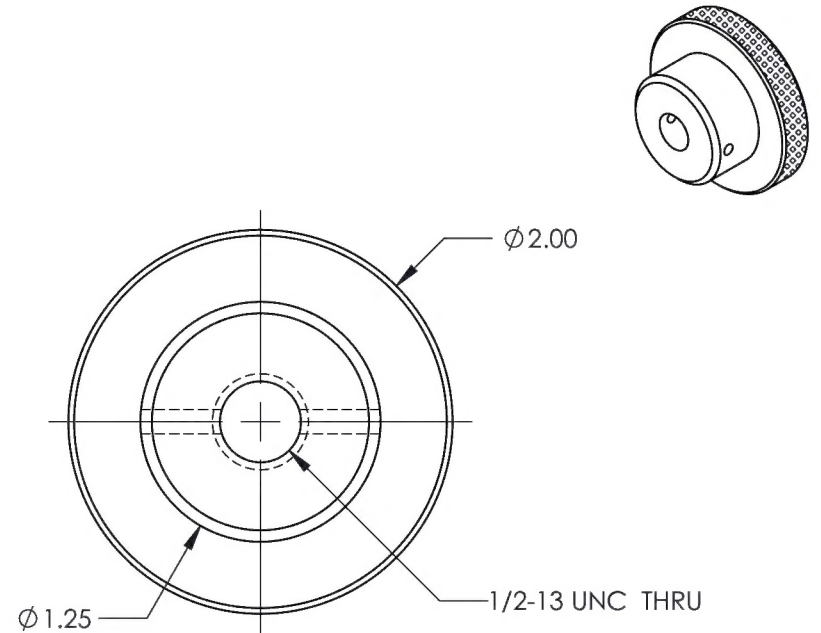
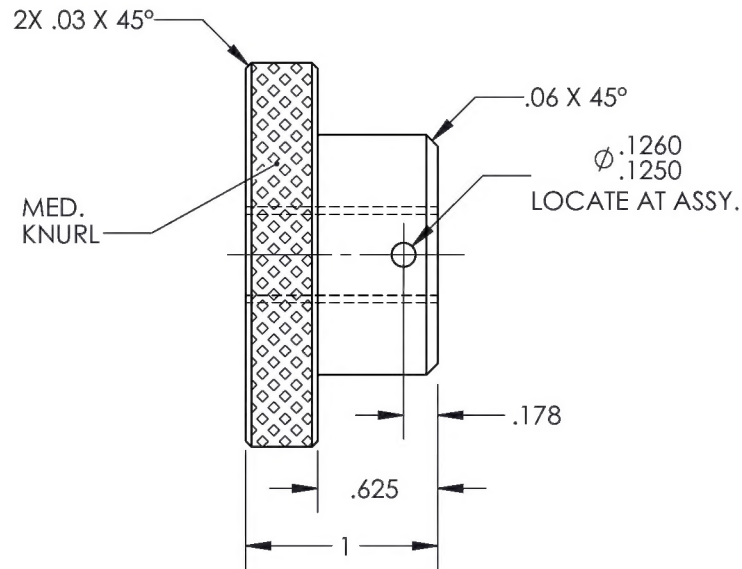
-16

HANDLE

| | |
|---|-----------------------|
|  RED BARN MACHINE | |
| TITLE SEAL KIT TOOL | |
| DWG NO. H-LTS SEAL KIT-16 | |
| REV | |
| MAT'L 1020 | |
| UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES | |
| .XXX \pm .005 FRACTIONS \pm 1/32 .XX \pm .01 ANGLES \pm 5° .X \pm .1 | |
| 1. BREAK ALL SHARP EDGES .015 x 45° OR .015R 2. DIMENSIONAL LIMITS APPLY AFTER PLATING | |
| DRAWN BY: CLOUGH | |
| APPROVED <i>D Weil</i> | |
| HEAT TREAT | |
| FINISH BLACK OXIDE | |
| SPEC | |
| USED ON MODEL | |
| LTS101 ENGINE | |
| SCALE 1:1 | DATE 7/19/2012 |
| SHEET 8 OF 9 | |

This drawing, specifications, and concepts contained here in are the sole property of Red Barn Machine, and may not be reproduced or used in any fashion without the prior written permission of Red Barn Machine.

| REVISIONS | | | |
|-----------|-------------|------|---------|
| REV | DESCRIPTION | DATE | INITIAL |
| | | | |



-17

KNOB

| | |
|---|-----------------------|
|  RED BARN MACHINE | |
| TITLE SEAL KIT TOOL | |
| DWG NO. H-LTS SEAL KIT-17 | |
| REV 1 | |
| MAT'L 1020 | |
| DRAWN BY: CLOUGH | |
| APPROVED <i>D Weil</i> | |
| HEAT TREAT | |
| FINISH BLACK OXIDE | |
| SPEC | |
| USED ON MODEL | |
| LTS101 ENGINE | |
| SCALE 1:1 | DATE 7/19/2012 |
| SHEET 9 OF 9 | |

UNLESS OTHERWISE SPECIFIED
DIMENSIONS ARE IN INCHES

.XXX ± .005 FRACTIONS ± 1/32
.XX ± .01 ANGLES ± 5°
.X ± .1

1. BREAK ALL SHARP EDGES .015 x 45°
OR .015R
2. DIMENSIONAL LIMITS APPLY AFTER
PLATING